



BC Ministry of
Forests and Range

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Bridge Register
Structure Inventory Data Form
BRIDGES

STRUCTURAL DETAILS

Number of Spans: 1

Needle Beams? /

☐ Yes

☐ No

Length of Spans (m)
[e.g. for a 3-span bridge
- 20, 35, 20] 8.2 7/5
8.7 0/5

Portable Structure?

☐ Yes

☒ No

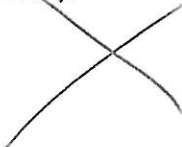
Portable Superstructure
Status:

☐ Installed

☐ Storage

Portable Superstructure Storage Location:

*Bridge Length
(metres):



*Superstructure:

☐ Compo Girders

☐ Concrete Cast in Place

☐ Concrete Slab Girders

☒ Log Stringer

☐ Rail Car

☐ Steel I-Beam

☐ Timber-Treated Stringers

☐ Concrete Box Beam

☐ Concrete I/T Beam

☐ Glulam Girder

☐ Other

☐ Steel Box Beam

☐ Steel Truss/Bailey/Acrow

☐ Timber-Untreated Stringers

*Deck Type:

☐ Concrete

☐ Concrete Removable

☐ Other

☐ Steel Free

☐ Timber-Treated Panels

☐ Timber-Untreated Panels

☐ Concrete Composite

☒ Gravel

☐ Steel

☐ Timber-Treated

☐ Timber-Untreated

*Deck Width (metres):

4
4

*Running Surface:

☐ Anti-Skid

☐ N/A

☐ Asphalt

☐ Timber Planks

☐ Concrete

☒ Gravel

*Left Abutment:

☐ Binwall

☐ Concrete Cast in Place

☐ Concrete Lock Blocks

☐ Concrete Precast

☒ Crib, Log or Timber

☐ Other

☐ Pile-Temporary Materials

☐ Pile-Permanent Materials

☐ Sill-Permanent Materials

☐ Sill-Temporary Materials

☐ Steel Pipe & Precast Pat

*Right Abutment:

☐ Binwall

☐ Concrete Cast in Place

☐ Concrete Lock Blocks

☐ Concrete Precast

☒ Crib, Log or Timber

☐ Other

☐ Pile-Temporary Materials

☐ Pile-Permanent Materials

☐ Sill-Permanent Materials

☐ Sill-Temporary Materials

☐ Steel Pipe & Precast Pat

Comments:

**Routine Condition Bridge Inspection Form**
(for log stringer or timber stringer bridges)

GENERAL INFORMATION				(enter either longlat or UTM - not both)		
Site #	CK 2265		Structure #	CK2265		
FSR Name	STAVE RIVER		User km	Project File ID	8013	
Longitude: (ddd / mm / ss.s)	49 30 15.0		OR	UTM Zone	UTM Easting	UTM Northing
Latitude: (ddd / mm / ss.s)	122 15 55.7					
LEFT/RIGHT APPROACHES (as seen facing downstream) E = excellent; G = good; F = fair; P = poor; N/A = not appl.						
Item	Present Condition (circle or fill-in)		Comments (a comment is mandatory if condition "Poor" is selected)			
Alignment	E (G) F P					
Bridge Ahead Signs Missing	0 1 (2)					
Brushing Required	Yes No (No)					
Delineator Missing Left	(0) 1 2					
Delineator Missing Right	0 (1) 2					
Fender Condition	E G F P (None)					
Posted Load Rating (tonnes)	-		Not Posted			
Road Surface	E G (F) P					
LEFT/RIGHT ABUTMENTS (as seen facing downstream)						
Item	Present Condition (circle)		Comments (a comment is mandatory if condition "Poor" is selected)			
Log/Timber Cribbs	E G (F) P N/A		2x closed forward			
Tie-backs	E G (F) P N/A		4 tie backs.			
Bin Wall	E G F P (N/A)					
Precast Concrete	E G F P (N/A)					
Caps or Sills	E (G) F P					
Piles or Posts	E G F P (N/A)					
Ballast Wall	E (G) F P					
Wing Wall	E G F P (N/A)					
Bracing	E G F P (N/A)					
Hardware	E G F (P) N/A		LOOSELY LASHED @ ENDS			
Fill	E (G) F P					
Riprap	E G F P (N/A)		NO RIP RAP			
Bearings	E (G) F P					
Corrosion Protection	E G F P (N/A)					
Span 1 of 1 (spans are numbered consecutively starting from the left abutment)						
Use "Additional Spans" Sheet for Multiple Spans						
DECK						
Item	Present Condition (circle)		Comments (a comment is mandatory if condition "Poor" is selected)			
Running Surface	E G (F) P					
Running Planks	E G F P (N/A)					
Sub-deck	E G F P (N/A)					
Ties	E G F P (N/A)					
Nails	E G F P (N/A)					
Deck to Girder Bolts	E G F P (N/A)					
Concrete Deck	E G F P (N/A)					
Grout Pockets	E G F P (N/A)					
Deck Joints	E G F P (N/A)					
Anti-skid Surface	E G F P (N/A)					
Gravel Surface	E G F (P) N/A		20-30mm OF FILL ONLY			
Curb Rail/Blocks/Posts	E (G) F P					
Handrails/Walkouts	E G F P (N/A)					
Hardware	E G (F) P N/A		LASHED @ MID SPAN			
Overall Deck Condition	E G (F) P					

**Routine Condition Bridge Inspection Form**
(for log stringer or timber stringer bridges)

GENERAL INFORMATION							
Site # <u>CK-2265</u>				Structure # <u>CK2265</u>			
SUPERSTRUCTURE (stringers numbered from upstream side of bridge)							
Item		Present Condition (circle)		Comments (a comment is mandatory if condition "Poor" is selected)			
Log Curbs		E <u>(G)</u> F P N/A		20 ft.			
Needle Beams and Shims		E G F P <u>(N/A)</u>					
Stringer #	Species	Peeled? (circle)	Diameter (mm) or Width x Depth (mm x mm)	Rot Depth Bottom (mm)	Rot Depth Side (mm)	Rot Depth Top (mm)	Comments
1	<u>W</u>	<u>(Y)</u> N	<u>550</u>	<u>20-40</u>			<u>SAP ROT</u>
2	<u>"</u>	<u>(Y)</u> N	<u>700</u>	<u>200 mm</u>			<u>CAT FACED</u>
3	<u>"</u>	<u>(Y)</u> N	<u>680</u>	<u>17-20</u>			
4	<u>"</u>	<u>(Y)</u> N	<u>660</u>	<u>20-100</u>			<u>SUSPECT NOSE BUTT ROT.</u>
5	<u>"</u>	<u>(Y)</u> N	<u>650</u>	<u>---</u>			<u>KNOTTY 20-40mm, WET IN BUTT.</u>
6	<u>"</u>	<u>(Y)</u> N	<u>770</u>	<u>---</u>			<u>KNOTTY > UP TO 70mm in knots</u>
7	<u>"</u>	<u>(Y)</u> N	<u>680</u>	<u>UP TO 100mm</u>			
8		<u>(Y)</u> N					
9		<u>(Y)</u> N					
10		<u>(Y)</u> N					
CHANNEL							
Est. Present Water Level Depth (m)		<u>0.05</u>		Est. Present Water Level Width (m)		<u>20</u>	
				Est. High Water Level Clearance (m)		<u>0.8</u>	
HAZARDS (circle yes or no for each item)							
High Water? Yes <u>(No)</u>		Scour? Yes <u>(No)</u>		Ice? Yes <u>(No)</u>		Debris? Yes <u>(No)</u>	
						Aggradation? Yes <u>(No)</u>	
Comments							
REPAIRS (H = High, M = Medium, L = Low)							
#	Priority (circle)	Estimate (\$)	Description				
1	H M L						
2	H M L						
3	H M L						
ITEMS TO MONITOR							
#	Description						
1							
2							
PHOTO LOG							
Photo #	Description	Photo #	Description				
	<u>W TO C</u>		<u>FROM D/S</u>				
	<u>U/S</u>		<u>CAMP ABUT</u>				
	<u>DK</u>		<u>WINDS ABUT.</u>				
	<u>1 TO 2</u>		<u>CAMP ABUT x2</u>				
			<u>WINDS ABUT</u>				
INSPECTOR TO COMPLETE THIS SECTION							
As-built Drawings Checked? Yes <u>(No)</u>		P Eng Inspection Required? Yes No		Date of Inspection (yyyy/mm/dd)			
				<u>2009-10-27</u>			
Inspection Company Name		Inspector's Name (print)		Inspector's Signature			
<u>Forest Eng + Geo.</u>		<u>Jaromir Arakic</u>					
Comments							
PROFESSIONAL ENGINEER TO COMPLETE THIS SECTION							
Current Load Rating GVW (tonnes):		<u>L60</u>		Date of Next Inspection			
Reviewer Company Name		Reviewed by - PEng's Name (print)		Reviewed by - PEng's Signature		Date Reviewed (yyyy/mm/dd)	
		<u>L. Stevanovic</u>		<u>Digitally signed by L. Stevanovic</u>			
				Date: 2010.01.20 17:08:17 -08'00'			
Comments							
<u>Load rate L45. Logs are smaller than reported in 2007.</u>							